

IQ8HC Microinverter

Part of the powerful and intelligent IQ8 Series, our IQ8HC Microinverters are designed to support the latest high-current PV modules.



Compatible with high DC current PV modules

The IQ8HC Microinverter features DC input specifications that support the latest PV modules with high currents.



High energy generation at low DC voltages

Broad MPPT tracking voltages and high DC input currents can extract more power at low input DC voltages.



Supports multiple grid voltages

For greater versatility, the IQ8HC supports both 208 V single-phase (120°) and 240 V split-phase (180°) grid voltages.



Future-proof your investment

With IQ8 Series Microinverters at the core, Enphase Energy Systems are flexible and scalable. Start with a Solar Only system and easily add more when your energy needs change.



Industry-leading warranty

Trusted by solar installers around the world, IQ8 Series Microinverters, including the IQ8HC, are covered by a 25-year limited warranty.

IQ8HC Microinverters can be used in the same system or branch as other IQ8 Series Microinverters.

DC and AC parameter differences between IQ8H and IQ8HC are shown in the following tables.

DC PARAMETERS	UNITS	IQ8H	IQ8HC
MPPT voltage range	V	36–45	29.5–45
Operating range	V	16–60	18–60
Max. continuous operating DC current	A	12	14

AC PARAMETERS	IQ8H	IQ8HC
Peak output power @ 240 V	384 W	
Max. units per 20 A (L-L) branch circuit @ 240 V	10	
Supports 208 V grid (single-phase)	No	Yes

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